

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	8	Attorney Docket No.	005618.P4124X
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
aj	1.	Allemann, E. et al. "Kinetics of Blood Component Adsorption on poly(D,L-lactic acid) Nanoparticles: Evidence of Complement C3 Component Involvement," <u>J. Biomed. Mater. Res.</u> 37(2):229-234 (Nov. 1997), Abstract downloaded from the Internet at: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=PubMed">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=PubMed</a> , 1 page.			
aj	2.	Assmus, B. et al. "Transplantation of Progenitor Cells and Regeneration Enhancement in Acute Myocardial Infarction (TOPCARE-AMI)," <u>Circulation</u> (2002), 106:3009-3017, first page only (1 page).			
aj	3.	Capan, Y. et al. "Preparation and Characterization of Poly(D,L-lactide-co-glycolide) Microspheres for Controlled Release of Human Growth Hormone," <u>AAPS PharmSciTech</u> 2003; 4(2): article 28. Downloaded from the Internet at: <a href="http://www.aapspharmscitech.org/view.asp?art=pt040228&amp;pdf=yes">http://www.aapspharmscitech.org/view.asp?art=pt040228&amp;pdf=yes</a> (12 pages).			
aj	4.	Caplan, M.J. et al. "Dependence on pH of Polarized Sorting of Secreted Proteins," <u>Nature</u> 329 (October 15, 1987), p. 630.			
aj	5.	Desai, M. et al. "Polymer bound EDC (P-EDC): A convenient reagent for formation of an amide bond," <u>Tetrahedron Letters</u> 34(48):7685-7688 (Nov 1993), Abstract downloaded from the Internet at: <a href="http://www.sciencedirect.com">http://www.sciencedirect.com</a> , 1 page.			
	6.	Etzion, Sharon et al. "Influence of Embryonic Cardiomyocyte Transplantation on the Progression of Heart Failure in a Rat Model of Extensive Myocardial Infarction," <u>J. Mol. Cell Cardiol.</u> 33:1321-1330 (May 2001).			
aj	7.	Ferrara, N. "Role of Vascular Endothelial Growth Factor in the Regulation of Angiogenesis," <u>Kidney International</u> 56(3):794-814 (1999), Abstract downloaded from the Internet at: <a href="http://www.nature.com/ki/journal/v56/n3/abs/4490967a.html">http://www.nature.com/ki/journal/v56/n3/abs/4490967a.html</a> , 1 page.			
aj	8.	Fuchs, S. et al. "Catheter-Based Autologous Bone Marrow Myocardial Injection in No-Option Patients with Advanced Coronary Artery Disease," <u>J. Am. Coll. Cardiol.</u> 41(10):1721-1724 (2003).			
aj	9.	Gref, R. et al. "Biodegradable Long-Circulating Polymeric Nanospheres," <u>Science</u> 263(5153):1600-1603 (Mar 1994), Abstract downloaded from the Internet at: <a href="http://www.sciencemag.org/cgi/content/abstract/263/5153/1600">http://www.sciencemag.org/cgi/content/abstract/263/5153/1600</a> , 1 page.			

Examiner Signature	Alison M.	Date Considered	11 June 07
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Filing Date	March 16, 2004
First Named Inventor:	Eugene T. Michal
Art Unit	1651
Examiner Name	Ford, Allison M.

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10.	Henry, R.R. et al. "Insulin Action and Glucose Metabolism in Nondiabetic Control and NIDDM Subjects. Comparison Using Human Skeletal Muscle Cell Cultures" <i>Diabetes</i> , 44(8):936-946 (1995), Abstract downloaded from the Internet at: <a href="http://diabetes.diabetesjournals.org/cgi/content/abstract/44/8/936">http://diabetes.diabetesjournals.org/cgi/content/abstract/44/8/936</a> , 1 page.
11.	Holland, N.B. et al. "Biomimetic Engineering of Non-Adhesive glycocalyx-like Surfaces Using Oligosaccharide Surfactant Polymers," <i>Nature</i> 392:799-801 (Apr 1998), Abstract downloaded from the Internet at: <a href="http://www.nature.com">http://www.nature.com</a> , 1 page.
12.	Hovinen, J. et al. "Synthesis of 3'-functionalized oligonucleotides on a single solid support," <i>Tetrahedron Letters</i> 34(50):8169-8172 (Dec 1993), Abstract downloaded from the Internet at: <a href="http://www.sciencedirect.com">http://www.sciencedirect.com</a> , 1 page.
13.	Huynh, T.V. et al. "Constructing and Screening cDNA Libraries in λgt10 and λgt11," Chapter 2, in <i>DNA Cloning, Volume 1: A Practical Approach</i> , ed. by D.M. Glover, pp. 49-78, (1985).
14.	Indik, Z. et al. "Production of Recombinant Human Tropoelastin: Characterization and Demonstration of Immunologic and Chemotactic Activity," <i>Arch. Biochem. Biophys.</i> 280(1):80-86 (Jul 1990), Abstract downloaded from the Internet at: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=PubMed">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=PubMed</a> , 1 page.
15.	Iskandrian, A.S. et al. "Nuclear Cardiac Imaging: Principles and Applications," second edition, F.A. Davis Co., Philadelphia (1996), cover page, title page and TOC (5 pages total).
16.	Isner, J.M. "Vascular Endothelial Growth Factor: Gene Therapy and Therapeutic Angiogenesis" <i>Am. J. Cardiol.</i> 1998 Nov 19; 82(10A): 63S-64S.
17.	Jonasson, P. et al. "Denatured states of human carbonic anhydrase II: an NMR study of hydrogen/deuterium exchange at tryptophan-indole-H <sub>n</sub> sites," <i>FEBS Letters</i> 445 (1999), pp. 361-365.
18.	Kawasaji, M. et al. "Therapeutic Angiogenesis with Intramyocardial Administration of Basic Fibroblast Growth Factor," <i>Ann Thorac Surg</i> 69:1155-1161 (2000), Abstract downloaded from the Internet at: <a href="http://ats.ctsnetjournals.org/cgi/content/abstract/69/4/1155">http://ats.ctsnetjournals.org/cgi/content/abstract/69/4/1155</a> , 2 pages.
19.	Kinart et al. "Electrochemical Studies of 2-hydroxy-3-(3,4-dimethyl-9-oxo-9H-thioxanthan-2-ylloxy)N,N,N-trimethyl-1-propanium chloride," <i>J. Electroanal. Chem</i> 294 (1990), pp. 293-297.
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Examiner Signature	<i>Allison M.</i>	Date Considered	11 June '07
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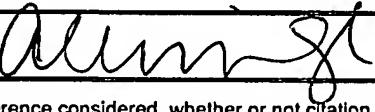
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Examiner Name	Ford, Allison M.

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21.	Klein, S. et al. "Fibroblast Growth Factors as Angiogenesis Factors: New Insights Into Their Mechanism of Action," in <u>Regulation of Angiogenesis</u> , I.D. Goldberg and E.M. Rosen (eds.), <u>1997</u> ; 79:159-192.
22.	<u>Laboratory of Liposome Research</u> . "Liposomes: General Properties," downloaded from the Internet on February 9, 2006 at: <a href="http://www.unizh.ch/onkwww/lipos.htm">http://www.unizh.ch/onkwww/lipos.htm</a> , 5 pages, updated 2/9/06.
23.	<u>Leor, J. et al.</u> "Gene Transfer and Cell Transplant: An Experimental Approach to Repair a 'Broken Heart', <u>Cardiovascular Research</u> 35 (1997), pp. 431-441.
24.	<u>Leroux, J.C. et al.</u> "An Investigation on the Role of Plasma and Serum Opsonins on the Internalization of Biodegradable poly(D,L-lactic acid) Nanoparticles by Human Monocytes," <u>Life Sci.</u> 57(7):695-703 (1995), Abstract downloaded from the Internet at: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=pubmed">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=pubmed</a> , 1 page.
25.	<u>Lewin, Benjamin.</u> "Repressor is Controlled by a Small Molecule Inducer", <u>Genes VII</u> , Oxford University Press, 7th ed., pp. 277-280, (2000).
26.	<u>Li, W.W. et al.</u> "Lessons to be Learned from Clinical Trials of Angiogenesis Modulators in Ischemic Diseases," Chapter 33, in Rubanyi, G. (ed). <u>Angiogenesis in Health &amp; Disease: Basic Mechanisms and Clinical Applications</u> , Marcel Dekker, Inc. New York (2000).
27.	<u>Li, Y.Y. et al.</u> "Differential Expression of Tissue Inhibitors of Metalloproteinases in the Failing Human Heart," <u>Circulation</u> 98(17):1728-1734, (1998).
28.	<u>Long, D.M. et al.</u> "Self-Cleaving Catalytic RNA," <u>FASEB Journal</u> , 7:25-30, (1993).
29.	<u>Lopez, J. J. et al.</u> "Angiogenic Potential of Perivascularly Delivered aFGF in a Porcine Model of Chronic Myocardial Ischemia," <u>Am. J. Physiol.</u> 274 ( <u>Heart Circ. Physiol.</u> 43):H930-H936, (1998).
30.	<u>Lopez, J. J. et al.</u> "VEGF Administration in Chronic Myocardial Ischemia in Pigs," <u>Cardiovasc Res.</u> 40(2):272-281 (1998), Abstract downloaded from the Internet at: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=pubmed">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=pubmed</a> , 1 page.
31.	<u>Lu, L. et al.</u> "Biodegradable Polymer Scaffolds for Cartilage Tissue Engineering," in <u>Clinical Orthopaedics and Related Research</u> , Carl T. Brighton (ed.). No. 391S, pp. S251-270, (2001).

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32.	Mansour, S. et al. "Disruption of the proto-oncogene <i>int-2</i> in mouse embryo-derived stem cells: a general strategy for targeting mutations to non-selectable genes," <i>Nature</i> , 336:348-352, (1988).
33.	Martin, S.L. et al. "Total Synthesis and Expression in <i>Escherichia Coli</i> of a Gene Encoding Human Tropoelastin," <i>Gene</i> (1995), Abstract, 1 page.
34.	McDevitt, T. et al. "In vitro Generation of Differentiated Cardiac Myofibers on Micropatterned Laminin Surfaces," <i>J. Biomed Mater Res</i> , 60:472-479, (2002).
35.	Narmoneva, D.A. et al. "Self-assembling short oligopeptides and the promotion of angiogenesis," <i>Biomaterials</i> 26 (2005) 4837-4846.
36.	Nguyen, Kyat T. et al. "Photopolymerizable Hydrogels for Tissue Engineering Applications," <i>Biomaterials</i> 23:4307-4314, (2002).
37.	Nikolic, S.D. et al. "New Angiogenic Implant Therapy Improves Function of the Ischemic Left Ventricle," supplement to <i>Circulation. Abstracts From Scientific Sessions 2000</i> , 102(18):II-689, Abstract 3331 (Oct. 2000).
38.	Nitinol Technical Information, "NiTi Smart Sheets," downloaded from the Internet on December 10, 2002 at: <a href="http://www.sma-inc.com/information.html">http://www.sma-inc.com/information.html</a> , 1 page, No publication date.
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40.	Ozbas, B. et al. "Salt-Triggered Peptide Folding and Consequent Self-Assembly into Hydrogels with Tunable Modulus," <i>Macromolecules</i> 37(19):7331-7337, (2004).
41.	Ozbas-Turan, Suna. "Controlled Release of Interleukin-2 from Chitosan Microspheres," <i>Journal of Pharmaceutical Sciences</i> 91(5):1245-1251, (May 2002).
42.	Palmiter R. et al. "Germ-Line Transformation of Mice," <i>Ann. Rev. Genet.</i> 20:465-499, (1986).
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<i>gj</i>	44.	PCT Invitation to Pay Additional Fees for International Appln No. PCT/US03/18360, mailed 4 November 2003 (3 pgs).	
<i>gj</i>	45.	PCT International Search Report for International Appln No. PCT/US03/18360, mailed 28 January 2004 (7 pgs).	
<i>gj</i>	46.	PCT International Search Report for International Appln. No. PCT/US03/30464, mailed 9 February 2004 (5 pages).	
<i>gj</i>	47.	PCT International Preliminary Report on Patentability for International Appln. No. PCT/US2004/011356, mailed 3 November 2005 (6 pgs).	
<i>gj</i>	48.	PCT International Search Report and Written Opinion for International Appln No. PCT/US2005/045627, mailed 13 October 2006 (15 pgs).	
<i>gj</i>	49.	Peattie, R.A. et al. "Stimulation of In Vivo Angiogenesis by Cytokine-Loaded Hyaluronic Acid Hydrogel Implants," <u>Biomaterials</u> (June 2004) 25(14), Abstract downloaded from: www.sciencedirect.com, 2 pages.	
<i>gj</i>	50.	Penta, K. et al. "Dell Induces Integrin Signaling and Angiogenesis by Ligation of $\alpha V\beta 3$ ," <u>J. Biolog. Chem.</u> 274(16):11101-11109, (April 1999).	
<i>gj</i>	51.	Perin, E.C. et al. "Transendocardial, Autologous Bone Marrow Cell Transplantation for Severe, Chronic, Ischemic Heart Failure," <u>Circulation</u> (2003), 1 page.	
<i>DUP:</i>	52.	Pouzet, B. et al. "Is Skeletal Myoblast Transplantation Clinically Relevant in the Era of Angiotensin-Converting Enzyme Inhibitors?" <u>Circulation</u> 104 [suppl 1]:I-223 - I-228, (Sep 2001).	
<i>gj</i>	53.	Prather et al. "Nuclear Transplantation in Early Pig Embryos," <u>Biol. Reprod.</u> 41:414-418, (1989).	
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<i>gj</i>	55.	Quellec, P. et al. "Protein Encapsulation Within Polyethylene Glycol-coated Nanospheres. I. Physicochemical Characterization," <u>J. Biomed. Mater. Res.</u> 42(1), (1998) Abstract, 1 page.	

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56.	Ramirez-Solis, R. et al. "Gene Targeting in Embryonic Stem Cells," <u>Methods in Enzymology</u> , 225:855-878, (1993).
57.	Rowley, J. et al. "Alginate Hydrogels as Synthetic Extracellular Matrix Materials," <u>Biomaterials</u> 20:45-53, (1999).
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59.	Segura, T. et al. "[216c]-DNA Delivery From Hyaluronic Acid/Collagen Hydrogels," <u>AIChE Technical Program Paper Detail</u> , <u>American Institute of Chemical Engineers</u> (ALCHE Annual Meeting 2003); Abstract downloaded from the Internet at: <a href="http://www.aiche.org/conferences/techprogram/paperdetail.asp?PaperID=1465&amp;DSN=annual">http://www.aiche.org/conferences/techprogram/paperdetail.asp?PaperID=1465&amp;DSN=annual</a> , 2 pages.
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Examiner Signature	<i>Allison M.</i>	Date Considered	11 June 2007
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 7 of 8 Attorney Docket No. 005618.P4124X

Complete if Known	
Application Number	10/802,955
Filing Date	March 16, 2004
First Named Inventor:	Eugene T. Michal
Art Unit	1651
Examiner Name	Ford, Allison M.

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Examiner Signature	<i>Alison M.</i>	Date Considered 11 June 2007
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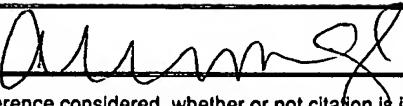
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**Complete if Known**

Application Number	10/802,955
Filing Date	March 16, 2004
First Named Inventor:	Eugene T. Michal
Art Unit	1651
Examiner Name	Ford, Allison M.

Sheet	8	of	8	Attorney Docket No.	005618.P4124X
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